Delivery includes IR remote control!

EDR 920 – 9-channel duplex MPEG-4 digital video recorder

Features

- Built-in MPEG-4 compression / decompression with configurable quality
- Variable recording speeds up to 200 IPS
- Duplex operation for simultaneous recording and playback
- Data archiving via USB 2.0 port
- Programmable motion detection area (30x24) for each channel
- Colour, brightness and contrast setting per channel
- Individual recording settings for each channel
- On-screen menu operation with multi-language support
- Real time audio recording at any video recording speed
- Ethernet interface for remote network viewing and controlling
- Fast network video transmission through Internet Explorer or optional PowerCon 4.x software
- Cascading of DVRs in remote keyboard applications
- Network operation independent from local operation
- E-mail alarm
- Network alarm with optional PowerCon 4.x software
- Speed dome control via network
- Optional RS-485 remote control (EKB 500)
- Free EverFocus DDNS service: DDNS account registration directly from DVR setup

Technical data

Video format	PAL / CCIR
Display format main monitor	1, 4, 7, 9x multiscreen, 2x2 zoom, PiP (live) // 1, 4, 7, 9x multiscreen, 2x2 zoom (playback)
Video input	9 inputs 1 Vp-p composite PAL, BNC, automatic 75 Ohm termination // 1 cascade input, 1 Vp-p composite PAL, BNC
Video output	9 loop-through outputs, 1 Vp-p at 75 Ohm, BNC 1 main monitor output, 1 Vp-p at 75 Ohm, BNC 1 S-video output mini DIN, for main monitor 1 call monitor output, 1 Vp-p at 75 Ohm, BNC 4 matrix monitor output, 1 Vp-p at 75 Ohm, BNC 1 cascade output, 1 Vp-p at 75 Ohm, BNC
Video compression	MPEG-4
Display resolution	720 x 576
Harddisk storage	2 x 3,5" SATA HDD
Recording resolution	Full D1 size: 720 x 576 / Half D1 size: 720 x 288 / CIF size: 360 x 288
Recording rate	1 ~ 200 IPS (360 x 288) // 1 ~ 100 IPS (720 x 288) // 1 ~ 50 IPS (720 x 576)
Recording modes	Continuous, timer, schedule or event recording
Playback search	Via date/time or event
Video pause	Yes
Video loss detection	Yes
Motion detection	Yes, with configurable detection area (30x24) and sensitivity
Event log	Yes (10.240 entries per HD)
Alarm input	9 alarm inputs
Alarm output	4 alarm outputs
Audio	4 mono (line) input / 1 mono (line) output
Setup	on-screen display
Control	front panel control with jog/shuttle, IR remote control; optional: mouse control, network, RS-485 keyboard EKB 500
Timer	Built-in real time clock with automatic time synchronisation via global NTP server through Internet
Title	12-characters title generator for each camera
Archive	USB 2.0 interface
Ethernet	RJ45 network connector
Interfaces	1 x RS-232 (9-pin Sub-D) // RS-485: 2 x RJ 45 connector for remote control and PTZ
Password protection	3 levels
Watchdog function	For processing, cooler fan, HDD temperature and HDD activity
Power source	100 ~ 240 V AC
Power consumption	185 W max.
Ambient temperature	0°C ~ +40°C
Dimensions (WxHxD)	430 x 88 x 300 mm, 19" 1U
Weight	6,24 kg

Technical data are subject to change without prior notice.
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Remote control devices

EKB 500 – multi-function keyboard

Technical data

Keys	48
Joystick	3D PTZ function control
Jog/shuttle	DVR control
Display	LCD 2 lines with 20 characters each
Baud rate	1.200 ~38.400
Serial interfaces	RS-232 (service) / 2 x RS-485
Protocols	Pelco-P / Pelco-D / EverFocus / ED 2200 / ED 2250
Devices	Control of speed dome, DVR and EQ 2700 motorzoom camera
Cascading	Up to 8 keyboards addressable
Wiring box	Yes
Power source	12 V DC, via included power supply 230 V AC
Power consumption	10 W max.
Ambient temperature	0°C ~ +40°C
Dimensions (WxHxD)	360 x 110 x 200 mm
Weight	1,5 kg

PowerCon 4.x – network management software

nevio

Features

- Unlimited number of managed systems (DVRs, Megapixel / network cameras, video servers, 3rd party applications)
- Live and playback view
- Local storage and printout of video data or single pictures on client PC
- Multi-window design with scalable video windows
- Freely definable multiviews with up to 16 DVR systems or network cameras, also mixed display of different DVRs (max. 256 cameras in 1 multiview with 16 x 16-channel DVR*)
- Mapview: visualisation of CCTV system in areas or buildings with freely scalable maps, graphics (BMP or JPG format) or active symbols
- Remote DVR configuration (EDR DVR series only)
- Remote configuration of EverFocus network cameras and video servers
- EKB 200 joystick control
- POS module for retail applications (optional)
- GPS module for object tracking (optional)
- Network alarm reception and management
- Multi-monitor support (depending on PC configuration)
- Advanced access rights management with individual user rights for functions and system access
- Network monitor for visualisation of network traffic
- System checker: integrated background port checker with alarm function for availability of DVRs, cameras and video servers in network
- Support of external program starts
- Basic feature support for browser-based 3rd party applications

* function requires specific PC + network preconditions – please contact your sales partner for further details!

Ordering information

EDR 920 NH	9-channel MPEG-4 digital video recorder, **w/o harddisk**, 100 ~ 240 V AC Harddisk storage: optional **up to 2 x 3,5" SATA HDD in a removable HDD tray**
EKB 500	Multi-function keyboard for speed dome and DVRs, with 3-axis joystick and jog/shuttle, 12 V DC (230 VAC power supply incl.)
PowerCon 4.x	PowerCon 4.x single client version with CM stick (current version: 4.2)
PowerCon 4.x update	PowerCon 4.x update version for PowerCon Pro and PowerCon station (serial number of existing version required)

Please order your MPEG-4 DVR as follows:

DVR Series Model / No. of harddisks / Size of harddisks / **Example**:

Ordering code:		You'll receive:
EDR 920 / 1 / 320	➔	9-channel MPEG-4 DVR with 1 built-in 320 GB harddisk
EDR 920 / 2 / 1000	➔	9-channel MPEG-4 DVR with 2 built-in 1000 GB harddisks

If you prefer to receive the DVR and HDDs separately, please order the respective "NH" DVR model and separate harddisks in the requested size. If you prefer to receive the DVR without any harddisks, we'll provide you with a list of suitable harddisks which have been tested and approved for your MPEG-4 DVR.

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